| Electronic Acknowledgement Receipt            |   |  |  |  |
|---|---|--|--|--|
| EFS ID:                                       | 3183459   |  |  |  |
| Application Number:                           | 09827278  |  |  |  |
| International Application Number:             |   |  |  |  |
| Confirmation Number:                          | 6618  |  |  |  |
| Title of Invention:                           | Spin valve sensor with an antiferromagnetic layer between two pinned layers |  |  |  |
| First Named Inventor/Applicant Name:          | Robert S. Beach   |  |  |  |
| Customer Number:                              | 33224   |  |  |  |
| Filer:  | Jeffrey P. Aiello/Darci Manuleleua  |  |  |  |
| Filer Authorized By:                          | Jeffrey P. Aiello   |  |  |  |
| Attorney Docket Number:                       | SJO919990038US2   |  |  |  |
| Receipt Date:                                 | 21-APR-2008   |  |  |  |
| Filing Date:                                  | 04-APR-2001   |  |  |  |
| Time Stamp:                                   | 15:53:22  |  |  |  |
| Application Type: Utility under 35 USC 111(a) |   |  |  |  |

# Payment information:

| Submitted with Payment | no |
|------------------------|----|
|                        |    |

# File Listing:

| Document<br>Number | Document Description | File Name                              | File Size(Bytes)<br>/Message Digest          | Multi<br>Part /.zip | Pages<br>(if appl.) |
|--------------------|----------------------|--|--|---------------------|---------------------|
| 1                  |                      | SJO919990038US2_FiledA<br>mendment.pdf | 96793  | yes ,               | 8                   |
|                    |                      |  | 1975728aae0a82d84817ad0915e7ecb7<br>c9290d51 |                     |                     |

|                      | Multipart Description/PDF lifes in .zip description |       |     |  |
|----------------------|---|-------|-----|--|
| Document Description |   | Start | End |  |
|                      | Amendment - After Non-Final Rejection               | 1     | 1   |  |
|                      | Claims  | 2     | 5   |  |
|                      | Applicant Arguments/Remarks Made in an Amendment    | 6     | 8   |  |
| arnings:             |   |       |     |  |

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

# National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.